ELK Biotechnology

IRF-7 (phospho-Ser477) rabbit pAb

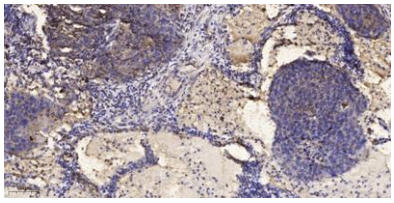
Cat No.:ES15428

For research use only

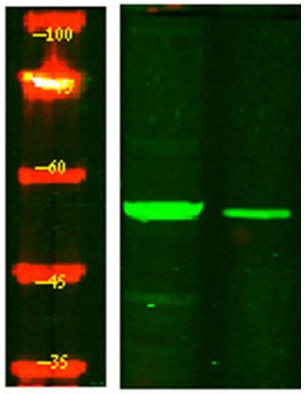
Overview

Product Name	IRF-7 (phospho-Ser477) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized phosho peptide around human IRF-7 (Ser477)
Specificity	This antibody detects endogenous levels of Human IRF-7 (phospho-Ser477) ,Mouse IRF-7 (phospho-Ser431), Rat IRF-7 (phospho-Ser429)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	IRF-7 (Ser477)
Gene Name	IRF7
Cellular localization	Nucleus. Cytoplasm. The phosphorylated and active form accumulates selectively in the nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	3665
Human Swiss-Prot Number	Q92985
Alternative Names	Interferon regulatory factor 7 (IRF-7)
Background	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7

transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot analysis of Hela treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000